

ABSTRACT

The present invention relates to a communication system architecture which can perform integrated processing of different network protocols and multimedia traffics. The communication system for integrated processing of different network protocols and multimedia traffics comprises a common packet;
 5 a common packet switch; a plurality of channels; a common bus; a common protocol platform; an external network protocol converter; and an internal network protocol converter. Thus, the present invention can process traffics rapidly embodied by mean of hardware, and easily perform various QoS, traffic
 10 control, and so on by designing a unified common platform with an open architecture. In addition, the present invention can be used for digital consumer devices in building networks and home networks or various digital appliances classified as Internet information appliances, and for control systems such as a home gateway, a home server, an STB, a home station and so on.

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